

ABSTRACT OF THE DISCLOSURE

A device and method for the removal of subcutaneous adipose layers with a laser source, optical fiber for conveying the laser beam emitted by the first source and a hollow needle for guiding the fiber. The fiber ends in the vicinity of the end of the needle. The laser beam is generated with an intensity and a wavelength for liquefying, and maintaining liquid, the adipose cells. The laser beam from the optical fiber irradiates adipose cells in the adipose layer to transform the adipose cells into, and maintain the adipose cells as, a liquid substance.

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